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Db 175 NTNVNPKDGIILVNSSMFPNTPSLSAMVNTFKLRSNVRSLNGLGSGSAGVIAIDLAK 234
QY 121 DLLHVHKNYALVSTENITNYIAGDNRSMVSNCLFRVGGAAIILLNKNKPGDRRSKYE 180
Db 235 DLLHVHKNYALVSTENITNYIAGDNRSMVSNCLFRVGGAAIILLNKNKPGDRRSKYE 294
QY 181 LVHTVRTHTGADGKSPRCVQGGDENGKIGVLSKDIITDVAGRTVKKNATLGLPLILPLS 240
Db 295 LVHTVRTHTGADGKSPRCVQGGDENGKIGVLSKDIITDVAGRTVKKNATLGLPLILPLS 354
QY 241 EKLFPVFTMGKCLFKDKIKHYVVPDFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 300
Db 355 EKLFPVFTMGKCLFKDKIKHYVVPDFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 414
QY 301 SRSTLHRFGNTSSSIWYELAYIEAKGRMKGNKVMQIALGSGFKCNSAVWVVALNNVKAS 360
Db 415 SRSTLHRFGNTSSSIWYELAYIEAKGRMKGNKVMQIALGSGFKCNSAVWVVALNNVKAS 474
QY 361 TNSPWEHCIDRYPVKIDSDSGKSETRVQNGRS 392
Db 475 TNSPWEHCIDRYPVKIDSDSGKSETRVQNGRS 506
RESULT 3
US-09-877-476-14
Sequence 14, Application US/09877476
Patent No. 6713664
GENERAL INFORMATION:
APPLICANT: Jaworski, Jan G.
APPLICANT: Blacklock, Brenda J.
TITLE OF INVENTION: FATTY ACID ELONGASE 3-KETOACYL COA
TITLE OF INVENTION: SYNTHASE POLYPEPTIDES
FILE REFERENCE: 07148-108001
CURRENT APPLICATION NUMBER: US/09/877, 476
CURRENT FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 60/210,326
PRIOR FILING DATE: 2000-06-08
NUMBER OF SEQ ID NOS: 56
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 14;
LENGTH: 506
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: 5' 114 amino acids from A. thaliana PAE1 (SEQ ID
OTHER INFORMATION: No:2) and 3' 392 amino acids from B. napus
OTHER INFORMATION: elongase KCS (SEQ ID NO:4), having a mutation at
OTHER INFORMATION: position 92; designated At114 K92R
US-09-877-476-14
Query Match 99.7%; Score 2031; DB 2; Length 506;
Best Local Similarity 99.7%; Pred. No. 1.5e-209;
Matches 391; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 GTCDSSWLDLFLRKIQERSGLGDETHGPEGLLOVPKRTFAAARETEQVIIGALENLK 60
Db 115 GTCDSSWLDLFLRKIQERSGLGDETHGPEGLLOVPKRTFAAARETEQVIIGALENLK 174
QY 61 NTNVNPKDGIILVNSSMFPNTPSLSAMVNTFKLRSNVRSLNGLGSGSAGVIAIDLAK 120
Db 175 NTNVNPKDGIILVNSSMFPNTPSLSAMVNTFKLRSNVRSLNGLGSGSAGVIAIDLAK 234
QY 121 DLLHVHKNYALVSTENITNYIAGDNRSMVSNCLFRVGGAAIILLNKNKPGDRRSKYE 180
Db 235 DLLHVHKNYALVSTENITNYIAGDNRSMVSNCLFRVGGAAIILLNKNKPGDRRSKYE 294
QY 181 LVHTVRTHTGADGKSPRCVQGGDENGKIGVLSKDIITDVAGRTVKKNATLGLPLILPLS 240
Db 295 LVHTVRTHTGADGKSPRCVQGGDENGKIGVLSKDIITDVAGRTVKKNATLGLPLILPLS 354
QY 241 EKLFPVFTMGKCLFKDKIKHYVVPDFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 300
Db 355 EKLFPVFTMGKCLFKDKIKHYVVPDFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 414
QY 301 SRSTLHRFGNTSSSIWYELAYIEAKGRMKGNKVMQIALGSGFKCNSAVWVVALNNVKAS 360
Db 415 SRSTLHRFGNTSSSIWYELAYIEAKGRMKGNKVMQIALGSGFKCNSAVWVVALNNVKAS 474
QY 361 TNSPWEHCIDRYPVKIDSDSGKSETRVQNGRS 392
Db 475 TNSPWEHCIDRYPVKIDSDSGKSETRVQNGRS 506
RESULT 5
US-09-877-476-16

Db 355 EKLFPVFTMGKCLFKDKIKHYVVPDFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 414
QY 301 SRSTLHRFGNTSSSIWYELAYIEAKGRMKGNKVMQIALGSGFKCNSAVWVVALNNVKAS 360
Db 415 SRSTLHRFGNTSSSIWYELAYIEAKGRMKGNKVMQIALGSGFKCNSAVWVVALNNVKAS 474
QY 361 TNSPWEHCIDRYPVKIDSDSGKSETRVQNGRS 392
Db 475 TNSPWEHCIDRYPVKIDSDSGKSETRVQNGRS 506
RESULT 4
US-09-877-476-18
Sequence 18, Application US/09877476
Patent No. 6713664
GENERAL INFORMATION:
APPLICANT: Jaworski, Jan G.
APPLICANT: Blacklock, Brenda J.
TITLE OF INVENTION: FATTY ACID ELONGASE 3-KETOACYL COA
TITLE OF INVENTION: SYNTHASE POLYPEPTIDES
FILE REFERENCE: 07148-108001
CURRENT APPLICATION NUMBER: US/09/877, 476
CURRENT FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 60/210,326
PRIOR FILING DATE: 2000-06-08
NUMBER OF SEQ ID NOS: 56
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 18
LENGTH: 505
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: 5' 74 amino acids from A. thaliana PAE1 (SEQ ID
OTHER INFORMATION: No:2) and 3' 431 amino acids from B. napus
OTHER INFORMATION: elongase KCS (SEQ ID NO:4) having a mutation at
OTHER INFORMATION: residue 306; designated At74 G306D; hypothetical
US-09-877-476-18
Query Match 99.7%; Score 2030; DB 2; Length 505;
Best Local Similarity 99.7%; Pred. No. 1.9e-209;
Matches 391; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 GTCDSSWLDLFLRKIQERSGLGDETHGPEGLLOVPKRTFAAARETEQVIIGALENLK 60
Db 114 GTCDSSWLDLFLRKIQERSGLGDETHGPEGLLOVPKRTFAAARETEQVIIGALENLK 173
QY 61 NTNVNPKDGIILVNSSMFPNTPSLSAMVNTFKLRSNVRSLNGLGSGSAGVIAIDLAK 120
Db 174 NTNVNPKDGIILVNSSMFPNTPSLSAMVNTFKLRSNVRSLNGLGSGSAGVIAIDLAK 233
QY 121 DLLHVHKNYALVSTENITNYIAGDNRSMVSNCLFRVGGAAIILLNKNKPGDRRSKYE 180
Db 234 DLLHVHKNYALVSTENITNYIAGDNRSMVSNCLFRVGGAAIILLNKNKPGDRRSKYE 293
QY 181 LVHTVRTHTGADGKSPRCVQGGDENGKIGVLSKDIITDVAGRTVKKNATLGLPLILPLS 240
Db 294 LVHTVRTHTGADGKSPRCVQGGDENGKIGVLSKDIITDVAGRTVKKNATLGLPLILPLS 353
QY 241 EKLFPVFTMGKCLFKDKIKHYVVPDFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 300
Db 354 EKLFPVFTMGKCLFKDKIKHYVVPDFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 413
QY 301 SRSTLHRFGNTSSSIWYELAYIEAKGRMKGNKVMQIALGSGFKCNSAVWVVALNNVKAS 360
Db 414 SRSTLHRFGNTSSSIWYELAYIEAKGRMKGNKVMQIALGSGFKCNSAVWVVALNNVKAS 473
QY 361 TNSPWEHCIDRYPVKIDSDSGKSETRVQNGRS 392
Db 474 TNSPWEHCIDRYPVKIDSDSGKSETRVQNGRS 505
RESULT 5
US-09-877-476-16

Best Local Similarity 99.7%; Pred. No. 1.9e-209;
Matches 391; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTCDDSSWLDLFLRKIQERSGLGDETHGPEGLQVPPRKTFAAARETEQVIIGALENLFK 60
Db 115 GTCDDSSWLDLFLRKIQERSGLGDETHGPEGLQVPPRKTFAAARETEQVIIGALENLFK 174

Qy 61 NTNVPKDIGILVNSSMFPNTPPSLSAMVNTFKLSNRVSNFLGGMGCSAGVIAIDLAK 120
Db 175 NTNVPKDIGILVNSSMFPNTPPSLSAMVNTFKLSNRVSNFLGGMGCSAGVIAIDLAK 234

Qy 121 DLLHVHNTYALVSTENITNYIAGDNRSMMVSNCLFRVGGAAILLSNKPGDRRSKYE 180
Db 235 DLLHVHNTYALVSTENITNYIAGDNRSMMVSNCLFRVGGAAILLSNKPGDRRSKYE 294

Qy 181 LVHTRTHTGADGKSFRCVQGGDDENGKIGVSLSKDITDVAGRTVKKNIAITLGPLILPLS 240
Db 295 LVHTRTHTGADGKSFRCVQGGDDENGKIGVSLSKDITDVAGRTVKKNIAITLGPLILPLS 354

Qy 241 EKLFFVTFMGKCLKFKDKIKHYIYVDPFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 300
Db 355 EKLFFVTFMGKCLKFKDKIKHYIYVDPFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 414

Qy 301 SRSTLHFRFGNTSSSIWYELAYIEAKGRMKGNKQWQIALGSGFKCNSAVVVALNNVKAS 360
Db 415 SRSTLHFRFGNTSSSIWYELAYIEAKGRMKGNKQWQIALGSGFKCNSAVVVALNNVKAS 474

Qy 361 TNSPWEHCIDRYPVKIDSDSGKSETRVNGRS 392
Db 475 TNSPWEHCIDRYPVKIDSDSGKSETRVNGRS 506

RESULT 8
US-09-877-476-8
; Sequence 8, Application US/09877476
; Patent No. 6713664
; GENERAL INFORMATION:
; APPLICANT: Jaworski, Jan G.
; APPLICANT: Blacklock, Brenda J.
; TITLE OF INVENTION: FATTY ACID ELONGASE 3-KETOACYL COA
; TITLE OF INVENTION: SYNTHASE POLYPEPTIDES
; FILE REFERENCE: 07148-108001
; CURRENT APPLICATION NUMBER: US/09/877,476
; CURRENT FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/210,326
; PRIOR FILING DATE: 2000-06-08
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 506
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (0)...(0)
; OTHER INFORMATION: Xaa = Ala or Thr
; OTHER INFORMATION: 5' 114 amino acids from A. thaliana FAEl (SEQ ID NO:2) and 3' 392 amino acids from B. napus
; OTHER INFORMATION: elongase KCS (SEQ ID NO:4); designated At114

US-09-877-476-8
Query Match 99.5%; Score 2027; DB 2; Length 506;
Best Local Similarity 99.5%; Pred. No. 4.1e-209;
Matches 390; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 GTCDDSSWLDLFLRKIQERSGLGDETHGPEGLQVPPRKTFAAARETEQVIIGALENLFK 60
Db 115 GTCDDSSWLDLFLRKIQERSGLGDETHGPEGLQVPPRKTFAAARETEQVIIGALENLFK 174

Qy 61 NTNVPKDIGILVNSSMFPNTPPSLSAMVNTFKLSNRVSNFLGGMGCSAGVIAIDLAK 120
Db 175 NTNVPKDIGILVNSSMFPNTPPSLSAMVNTFKLSNRVSNFLGGMGCSAGVIAIDLAK 234

Qy 121 DLLHVHNTYALVSTENITNYIAGDNRSMMVSNCLFRVGGAAILLSNKPGDRRSKYE 180
Db 235 DLLHVHNTYALVSTENITNYIAGDNRSMMVSNCLFRVGGAAILLSNKPGDRRSKYE 294

Qy 181 LVHTRTHTGADGKSFRCVQGGDDENGKIGVSLSKDITDVAGRTVKKNIAITLGPLILPLS 240
Db 295 LVHTRTHTGADGKSFRCVQGGDDENGKIGVSLSKDITDVAGRTVKKNIAITLGPLILPLS 354

Qy 241 EKLFFVTFMGKCLKFKDKIKHYIYVDPFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 300
Db 355 EKLFFVTFMGKCLKFKDKIKHYIYVDPFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 414

Qy 301 SRSTLHFRFGNTSSSIWYELAYIEAKGRMKGNKQWQIALGSGFKCNSAVVVALNNVKAS 360
Db 415 SRSTLHFRFGNTSSSIWYELAYIEAKGRMKGNKQWQIALGSGFKCNSAVVVALNNVKAS 474

Qy 361 TNSPWEHCIDRYPVKIDSDSGKSETRVNGRS 392
Db 475 TNSPWEHCIDRYPVKIDSDSGKSETRVNGRS 506

RESULT 9
US-09-877-476-12
; Sequence 12, Application US/09877476
; Patent No. 6713664
; GENERAL INFORMATION:
; APPLICANT: Jaworski, Jan G.
; APPLICANT: Blacklock, Brenda J.
; TITLE OF INVENTION: FATTY ACID ELONGASE 3-KETOACYL COA
; TITLE OF INVENTION: SYNTHASE POLYPEPTIDES
; FILE REFERENCE: 07148-108001
; CURRENT APPLICATION NUMBER: US/09/877,476
; CURRENT FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/210,326
; PRIOR FILING DATE: 2000-06-08
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 506
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' 114 amino acids from A. thaliana FAEl (SEQ ID NO:2) and 3' 392 amino acids from B. napus
; OTHER INFORMATION: elongase KCS (SEQ ID NO:4) having mutations at
; OTHER INFORMATION: residues 91 and 92; designated At114 L91C K92R

US-09-877-476-12
Query Match 99.5%; Score 2026; DB 2; Length 506;
Best Local Similarity 99.5%; Pred. No. 5.2e-209;
Matches 390; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTCDDSSWLDLFLRKIQERSGLGDETHGPEGLQVPPRKTFAAARETEQVIIGALENLFK 60
Db 115 GTCDDSSWLDLFLRKIQERSGLGDETHGPEGLQVPPRKTFAAARETEQVIIGALENLFK 174

Qy 61 NTNVPKDIGILVNSSMFPNTPPSLSAMVNTFKLSNRVSNFLGGMGCSAGVIAIDLAK 120
Db 175 NTNVPKDIGILVNSSMFPNTPPSLSAMVNTFKLSNRVSNFLGGMGCSAGVIAIDLAK 234

Qy 121 DLLHVHNTYALVSTENITNYIAGDNRSMMVSNCLFRVGGAAILLSNKPGDRRSKYE 180
Db 235 DLLHVHNTYALVSTENITNYIAGDNRSMMVSNCLFRVGGAAILLSNKPGDRRSKYE 294

Qy 181 LVHTRTHTGADGKSFRCVQGGDDENGKIGVSLSKDITDVAGRTVKKNIAITLGPLILPLS 240
Db 295 LVHTRTHTGADGKSFRCVQGGDDENGKIGVSLSKDITDVAGRTVKKNIAITLGPLILPLS 354

Qy 241 EKLFFVTFMGKCLKFKDKIKHYIYVDPFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 300
Db 355 EKLFFVTFMGKCLKFKDKIKHYIYVDPFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 414

Qy 301 SRSTLHFRFGNTSSSIWYELAYIEAKGRMKGNKQWQIALGSGFKCNSAVVVALNNVKAS 360

415 SRSTLHFRGNTSSSIWYELAYIEAKRMMKGNKQWQIALGSGFKCNSAVWVALLNNVKAS 474

361 TNSPWEHCIDRYPVKIDSDSGKSETRVQNGRS 392
475 TNSPWEHCIDRYPVKIDSDSGKSETRVQNGRS 506

LT 10
9-877-476-20
quence 20, Application US/09877476
tent No. 6713664

GENERAL INFORMATION:
APPLICANT: Jaworski, Jan G.
TITLE OF INVENTION: FATTY ACID ELONGASE 3-KETOACYL COA
TITLE OF INVENTION: SYNTHASE POLYPEPTIDES
FILE REFERENCE: 07148-108001
CURRENT APPLICATION NUMBER: US/09/877,476
PRIOR FILING DATE: 2001-06-08
PRIOR FILING DATE: 2000-06-08
NUMBER OF SEQ ID NOS: 56
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 20
LENGTH: 506
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
INFORMATION: 5' 114 amino acids from A. thaliana FAE1 (SEQ ID
OTHER INFORMATION: NO:2) and 3' 392 amino acids from B. napus
OTHER INFORMATION: elongase KCS (SEQ ID NO:4) having mutations at
OTHER INFORMATION: positions 91, 92 and 307; designated A114 L91C
OTHER INFORMATION: K32R G307D; hypothetical
9-877-476-20

Query Match 99.4%; Score 2025; DB 2; Length 506;
Best Local Similarity 99.5%; Pred. No. 6.7e-209;
Matches 390; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
1 GTCDDSSWLDPLRKIQERSGLGDETHGPEGLQVPPRKTFAAARETEQVIIGALENLFK 60
115 GTCDDSSWLDPLRKIQERSGLGDETHGPEGLQVPPRKTFAAARETEQVIIGALENLFK 174
61 NTNVNPKDIGILVNSMFPNTPSLSAMVNTFKLSNVRSFNLGSGCSAGVIAIDLAK 120
175 NTNVNPKDIGILVNSMFPNTPSLSAMVNTFKLSNVRSFNLGSGCSAGVIAIDLAK 234
121 DLLHVHNTYALVSTENITNYIAGDNRSMVSNCLFRVGGAAILLNKPGRDRRSKYE 180
235 DLLHVHNTYALVSTENITNYIAGDNRSMVSNCLFRVGGAAILLNKPGRDRRSKYE 294
181 LVHTVTRHTGADGKFRVCQGGDENGKIGVSLSKDITDVAGRTVKKNATLGLPLILPLS 240
295 LVHTVTRHTGADGKFRVCQGGDENGKIGVSLSKDITDVAGRTVKKNATLGLPLILPLS 354
241 EKLFFVTFMGKCLKFKDKIKHYVDPFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 300
355 EKLFFVTFMGKCLKFKDKIKHYVDPFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 414
301 SRSTLHFRGNTSSSIWYELAYIEAKRMMKGNKQWQIALGSGFKCNSAVWVALLNNVKAS 360
415 SRSTLHFRGNTSSSIWYELAYIEAKRMMKGNKQWQIALGSGFKCNSAVWVALLNNVKAS 474
361 TNSPWEHCIDRYPVKIDSDSGKSETRVQNGRS 392
475 TNSPWEHCIDRYPVKIDSDSGKSETRVQNGRS 506

US/09877476

GENERAL INFORMATION:
APPLICANT: Jaworski, Jan G.
TITLE OF INVENTION: FATTY ACID ELONGASE 3-KETOACYL COA
TITLE OF INVENTION: SYNTHASE POLYPEPTIDES
FILE REFERENCE: 07148-108001
CURRENT APPLICATION NUMBER: US/09/877,476
PRIOR FILING DATE: 2001-06-08
PRIOR FILING DATE: 2000-06-08
NUMBER OF SEQ ID NOS: 56
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6
LENGTH: 505
TYPE: PRT
ORGANISM: Brassica napus
US-09-877-476-6

Query Match 97.5%; Score 1986; DB 2; Length 505;
Best Local Similarity 97.4%; Pred. No. 1.1e-204;
Matches 382; Conservative 3; Mismatches 7; Indels 0; Gaps 0;
1 GTCDDSSWLDPLRKIQERSGLGDETHGPEGLQVPPRKTFAAARETEQVIIGALENLFK 60
114 GTCDDSSWLDPLRKIQERSGLGDETHGPEGLQVPPRKTFAAARETEQVIIGALENLFK 173
61 NTNVNPKDIGILVNSMFPNTPSLSAMVNTFKLSNVRSFNLGSGCSAGVIAIDLAK 120
174 NTNVNPKDIGILVNSMFPNTPSLSAMVNTFKLSNVRSFNLGSGCSAGVIAIDLAK 233
121 DLLHVHNTYALVSTENITNYIAGDNRSMVSNCLFRVGGAAILLNKPGRDRRSKYE 180
234 DLLHVHNTYALVSTENITNYIAGDNRSMVSNCLFRVGGAAILLNKPGRDRRSKYE 293
181 LVHTVTRHTGADGKFRVCQGGDENGKIGVSLSKDITDVAGRTVKKNATLGLPLILPLS 240
294 LVHTVTRHTGADGKFRVCQGGDENGKIGVSLSKDITDVAGRTVKKNATLGLPLILPLS 353
241 EKLFFVTFMGKCLKFKDKIKHYVDPFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 300
354 EKLFFVTFMGKCLKFKDKIKHYVDPFKLAIDHFCIHAGGRAVIDVLEKNLALAPIDVEA 413
301 SRSTLHFRGNTSSSIWYELAYIEAKRMMKGNKQWQIALGSGFKCNSAVWVALLNNVKAS 360
414 SRSTLHFRGNTSSSIWYELAYIEAKRMMKGNKQWQIALGSGFKCNSAVWVALLNNVKAS 473
361 TNSPWEHCIDRYPVKIDSDSGKSETRVQNGRS 392
474 TNSPWEHCIDRYPVKIDSDSGKSETRVQNGRS 505

RESULT 12
US-09-877-476-32
Sequence 32, Application US/09877476
Patent No. 6713664
GENERAL INFORMATION:
APPLICANT: Jaworski, Jan G.
APPLICANT: Blacklock, Brenda J.
TITLE OF INVENTION: FATTY ACID ELONGASE 3-KETOACYL COA
TITLE OF INVENTION: SYNTHASE POLYPEPTIDES
FILE REFERENCE: 07148-108001
CURRENT APPLICATION NUMBER: US/09/877,476
CURRENT FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 60/210,326
PRIOR FILING DATE: 2000-06-08
NUMBER OF SEQ ID NOS: 56
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 32
LENGTH: 506
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: 5' 399 amino acids from B. napus elongase KCS (SEQ